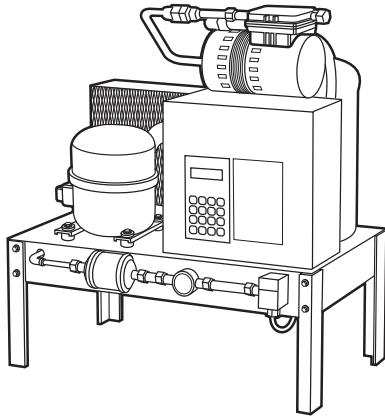


RECOVERY ACCESSORIES

ENVIROPURGE™ HIGH PERFORMANCE PURGE SYSTEM



Fast, reliable purging for low-pressure chillers. The Enviro-Purge system removes air and other noncondensibles from low pressure centrifugal chillers while minimizing the loss of refrigerant that normally accompanies the purging process. Purging is fast and microprocessor-controlled to match each chiller's requirements, and to provide historical data for studying purge trends and troubleshooting.

- **Fast, efficient, noncondensibile separation** — Nearly twice the evaporator coil surface area of typical purge units means fast, efficient refrigerant separation.
- **Easy, hassle-free installation** — Ships pre-assembled and connects to existing ports on all types of chillers. Mounts conveniently near floor level.
- **Simple operation** — Application-specific microprocessor controls enhance purge capabilities and provide a user-friendly software interface.
- **High reliability, low maintenance** — Prefilter drier system removes moisture and debris from refrigerant before it enters the purge vessel. Stainless steel construction further protects the purge tank against corrosion.
- **Safeguards Refrigerant** — Four temperature sensors monitor and control purge operations; alarms alert operator to "trouble" conditions so refrigerant loss can be avoided. Display can be in °F or °C.

RAPID NONCONDENSIBLE SEPARATION

The 1/3-hp condensing unit and oversized 350-cu.-in. purge vessel combine to process more refrigerant vapor — faster. A patented reheat/re-expansion circuit provides maximum separation efficiency, and Enviro-Purge discharges only 0.48 lb. of refrigerant per pound of noncondensibles, or just 0.0049 lb when the optional carbon canister is used.

CONSERVES REFRIGERANT

Enviro-Purge's microprocessor control improves purge efficiency and prevents refrigerant loss, using multiple safeguards against "false purging." Four temperature sensors provide continuous monitoring of purge operating conditions in either °F or °C. When excessive purging is detected, the LCD alerts the operator to increasing chiller leaks.

CONVENIENT REMOTE INTERFACE

Built-in RS-232-C interface allows energy management systems or any remote PC to monitor and control purge operations.

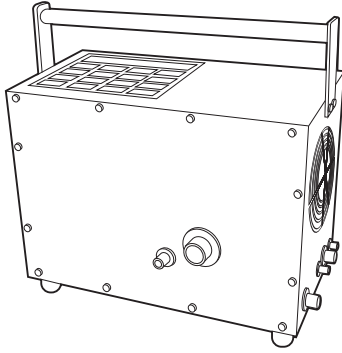
PART NO	DESCRIPTION	REFRIG
EMS611-011	110 VAC, 50/60 Hz, 1 , 15A	11
EMS522-011	220 VAC, 50 Hz, 1 , 15A	11
EMS611-113	110 VAC, 50/60 Hz, 1 , 15A	113
EMS522-113	220 VAC, 50 Hz, 1 , 15A	113
EMS611-114	110 VAC, 50/60 Hz, 1 , 15A	114
EMS522-114	220 VAC, 50 Hz, 1 , 15A	114
EMS522-123	220 VAC, 50/60 Hz, 1 , 15A	123
EMS611-123	110 VAC, 50/60 Hz, 1 , 15A	123
CARBCAN	Carbon canister	--

SPECIFICATIONS

Weight	175 lbs./ Shipping 210
Approximate Dimensions	36" x 25" x 30"
Condensing Unit Refrigerant	R-134a
Safety Certification	ETL listed to UL, CSA and CE safety standards.

RECOVERY ACCESSORIES

MINIPURGE™ PORTABLE HIGH AND LOW PRESSURE PURGE UNIT



During normal operation the unit continuously displays and scrolls several system temperatures plus the current total pumpout time and cycle count. Eliminate air from high or low pressure cooling systems to improve cooling efficiency and reduce energy costs.

UNIVERSAL COMPATIBILITY

Eliminates air from either high or low pressure refrigerants. Simply evacuate the unit before using on different refrigerant types.

HIGHLY PORTABLE

Smallest and lightest purge unit on the market. At 65-lbs in weight, it is readily hand carried.

FAST PURGE SPEED

Oil-less transfer compressor accelerates the purge process by pulling vapor from the cooling system and forcing processed refrigerant liquid back into the cooling system.

HIGHER EFFICIENCY FOR BETTER REFRIGERANT CONTAINMENT

- Vapor is pumped through a high capacity condenser then compressed in a purge vessel. Microprocessor controls calculate the most efficient time to purge noncondensibles.
- Achieves discharge efficiency as high as 0.2 lb-refg/lb-noncondensibles on some refrigerants. Three to four times more efficient than thermal purge units on the market.

Optional Accessories:

PART NO	DESCRIPTION
FD-003-25	1/4 in. flare in-line filters
025-010-HP-FB	Refrigerant Hoses: 1/4" x 10-ft with ball valves
025-020-HP-FB	Refrigerant Hoses: 1/4" x 20-ft with ball valves

SPECIFICATIONS

Connections	3/8" flares
Dimensions (L x W x H)	18" x 10" x 16" (35 cm x 35 cm x 35 cm)
Weight	65 lb
Operating Environment	32-120°F, 5-95% RH, noncondensing
Storage Environment	(-40)-150°F, 5-95% RH, noncondensing
Warranty	1-year parts

PART NO. NOMENCLATURE

